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Typed Name: *Kevin D. McCarthy*
Date: July 13, 2009

Patent 0-06-119 (18268/US/03)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Cohen
Serial no.: 10/581,848
Filed: January 8, 2007
Title: Pulse-Medium Perfusion Bioreactor with
Improved Mass Transport for Multiple-3-D
Cell Constructs
Examiner: James S. Ketter
Art Unit: 1636
Confirmation: 3923

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir/Madam:

Response and Amendment

This response is in reply to the office action mailed on April 14, 2009. This response is being filed within the three months of the office action's mailing date. Applicant did however add four (4) new dependent claims. Accordingly, those large entity fees are being paid herewith.

Amendments to the claims

The set of claims has been amended without necessarily concurring with the Examiner's objections as detailed in the Office Action of February 14, 2009 but in order to conform to local practice and speed the application to allowance, as detailed below.

- Claim 2 - the terms "preferably" and "more preferably, 1.25mm" have been deleted.
- Claim 3 - the terms "preferably" and "more preferably, 3mm" have been deleted.
- Claim 4 - the terms "preferably" and "more preferably, 60°" have been deleted.